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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**ATTORNEY DOCKET NO. 76183.2200**

**In re Application of:**

HAJI-SHEIKH ET AL.

Serial No.: 10/011,543

Filed: 5 December 2001

**For: MAGNETORESISTIVE SPEED  
AND DIRECTION SENSING METHOD  
AND APPARATUS**

Examiner: REENA, AURORA

Art Unit: 2862

MAR 02 2004

RESPONSE AND AMENDMENT UNDER 37 C.F.R. § 1.111

Honorable Commissioner for Patents  
Alexandria, VA 22313

Sir:

This Amendment is submitted in reply to the Office Action dated December 23, 2003 having a shortened statutory period set to expire March 23, 2004. Please amend the above-identified application as follows.

**Amendments to the claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Amendments to the Specification** begin on page 9 of this paper.

**Remarks** begin on page 10 of this paper.

I hereby certify that this correspondence is being deposited with the U. S. Postal Service as First Class Mail in an envelope addressed to Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1150, Alexandria VA 22313-1150, on the date below.

February 23, 2004  
Date

**CERTIFICATE OF MAILING**  
**37 CFR 1.8(A)**

Kermit Lopez  
Signature